

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

SB114
U6A3



United States
Department of
Agriculture

Agricultural
Marketing
Service

Volume 18, No. 3
July - September
1990

Plant Variety Protection Office Official Journal



PREFACE

The Plant Variety Protection Act (7 U.S.C. 2321 et seq.) authorizes the Secretary of Agriculture to publish an Official Journal to provide the public with information relating to the operations of the Plant Variety Protection Office. The statute also authorizes the Secretary to disseminate technological and other information that encourages innovation and progress in plant breeding.

The Official Journal, published quarterly, is available from:

Plant Variety Protection Office
Commodities Scientific Support Division
Agricultural Marketing Service
U. S. Department of Agriculture
Rm. 500, NAL Bldg.
10301 Baltimore Blvd.
Beltsville, Maryland 20705

Telephone: 301/344-2518

CONTENTS

	PAGE
I. APPLICATIONS: Actions taken July 1 through September 30, 1990	
a) Received.....	3
b) Amended.....	11
II. CERTIFICATES: Actions taken July 1 through September 30, 1990	
a) Issued, and Novelty Based on the Applicant's Claim.....	13
b) Amended.....	28
c) Expired.....	35
III. GENERAL INFORMATION.....	37

APPLICATIONS RECEIVED

JULY 1, 1990 TO SEPTEMBER 30, 1990

Applications for protection have been filed for the following varieties. Each application has been assigned an application number and will be examined to determine whether the variety is entitled to a certificate of protection. The seed of these varieties may be labeled "Unauthorized Propagation Prohibited - U.S. Variety Protection Applied For."

APPL. NO.	VARIETY	GEN. APLL. (*) DATE	NAME OF APPLICANT
9000232	BEAN, FIELD <PT84343>	08/01/1990	Rogers Brothers Seed Company
9000233	Camelot	08/01/1990	Rogers Brothers Seed Company
9000234	Ember	08/01/1990	Rogers Brothers Seed Company
9000231	BENTGRASS, CREEPING Putter	07/26/1990	Jacklin Seed Company
9000269	BLUEGRASS, KENTUCKY Indigo	09/21/1990	Pickseed West Inc.

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.

< > Identifies temporary designations.

APPLICATIONS RECEIVED
JULY 1, 1990 TO SEPTEMBER 30, 1990

<u>APPL. NO.</u>	<u>VARIETY</u>	<u>GEN. APPL. (*) DATE</u>	<u>NAME OF APPLICANT</u>
9000267	<Gene's Gem 11-7>	09/07/1990	A. Duda & Sons, Inc.
CORN, FIELD			
9000245	PHJ65	08/28/1990	Pioneer Hi-Bred International, Inc.
9000246	PHK46	08/28/1990	Pioneer Hi-Bred International, Inc.
9000247	PHK56	08/28/1990	Pioneer Hi-Bred International, Inc.
9000248	PHN34	08/28/1990	Pioneer Hi-Bred International, Inc.
9000249	PHN46	08/28/1990	Pioneer Hi-Bred International, Inc.
9000250	PHP38	08/28/1990	Pioneer Hi-Bred International, Inc.
9000251	PHP76	08/28/1990	Pioneer Hi-Bred International, Inc.

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.

< > Identifies temporary designations.

APPLICATIONS RECEIVED
JULY 1, 1990 TO SEPTEMBER 30, 1990

<u>APPL. NO.</u>	<u>VARIETY</u>	<u>GEN. APPL. (*) DATE</u>	<u>NAME OF APPLICANT</u>
CORN, FIELD (Continued)			
9000252	PHV07	08/28/1990	Pioneer Hi-Bred International, Inc.
9000253	PHW06	08/28/1990	Pioneer Hi-Bred International, Inc.
9000254	PHW51	08/28/1990	Pioneer Hi-Bred International, Inc.
9000255	PHW86	08/28/1990	Pioneer Hi-Bred International, Inc.
COTTON			
9000221	CH253	07/10/1990	Chaney Ranch Research
9000235	Germain's Acala GC-714	(3) 08/07/1990	Germain's, Inc.
9000256	San Simon Del Cerro	08/29/1990	B & M Cotton Company
9000270	GSC1054	09/28/1990	Lubrizol dba Agrigenetics

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.

< > Identifies temporary designations.

APPLICATIONS RECEIVED

JULY 1, 1990 TO SEPTEMBER 30, 1990

APPL. NO.	VARIETY	GEN. APPL. (*)	NAME OF APPLICANT DATE
COTTON 9000271	(Continued) GSC1059	09/28/1990	Lubrizol dba Agrigenetics
FESCUE, 9000238	CHEWINGS SR 5000	08/13/1990	Seed Research of Oregon, Inc.
9000258	Longfellow	08/31/1990	International Seeds Inc.
FESCUE, 9000240	TALL Rebel Jr.	08/20/1990	Lofts Seed, Inc.
9000241	Samsom	08/20/1990	Weaver Seed Co.
9000242	Phoenix	08/22/1990	Normarc, Inc.
9000243	<Normarc-25>	08/22/1990	Normarc, Inc.

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.

< > Identifies temporary designations.

APPLICATIONS RECEIVED
JULY 1, 1990 TO SEPTEMBER 30, 1990

APPL. NO.	VARIETY	GEN. APPL. (*) DATE	NAME OF APPLICANT
FESCUE, 9000244	TALL (Continued) Conestoga	08/24/1990	Seaboard Seed Co./Smith Seed Services
9000259	Stagecoach	09/04/1990	Seaboard Seed Co./Smith Seed Services
9000260	Homestead	09/04/1990	Seaboard Seed Co./Smith Seed Services
9000261	Crewcut	09/04/1990	Pickseed West Inc.
LETUCE 9000257	Rambo	08/27/1990	Genecorp, Inc.
PEPPER 9000220	Capistrano	07/02/1990	Petoseed Company, Inc.
RAPE 9000268	Delta	09/18/1990	W. Weibull AB

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.

< > Identifies temporary designations.

APPLICATIONS RECEIVED
JULY 1, 1990 TO SEPTEMBER 30, 1990

APPL. NO.	VARIETY	GEN. APPL.		NAME OF APPLICANT
		(*)	DATE	
RYEGRASS, PERENNIAL 9000223	Summit	07/13/1990		Seaboard Seed Co./Smith Seed Services
9000224	Elite	07/13/1990		Seaboard Seed Co./Smith Seed Services
9000237	SR 4200	08/13/1990		Seed Research of Oregon
9000239	Assure	08/20/1990		Pure-Seed Testing, Inc.
<hr/>				
SORGHUM 9000226	PH256	07/20/1990		Pioneer Hi-Bred International, Inc.
9000227	PHA279	07/20/1990		Pioneer Hi-Bred International, Inc.
9000228	PHA349	07/20/1990		Pioneer Hi-Bred International, Inc.
9000229	PHB279	07/20/1990		Pioneer Hi-Bred International, Inc.

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.

< > Identifies temporary designations.

APPLICATIONS RECEIVED
JULY 1, 1990 TO SEPTEMBER 30, 1990

APPL. NO.	VARIETY NO.	GEN. APPL. (*) DATE	NAME OF APPLICANT
SORGHUM (Continued) 9000230	PHB349	07/20/1990	Pioneer Hi-Bred International, Inc.
SOYBEAN 9000225	Hartz Variety H639	07/16/1990	Jacob Hartz Seed Company, Inc.
9000236	Buckshot 723	08/10/1990	Louisiana Agricultural Experiment Station
9000262	S00-88	09/04/1990	Northrup King Co.
9000263	S83-30	09/04/1990	Northrup King Co.
9000264	S48-84	09/06/1990	Northrup King Co.
9000265	S64-23	09/06/1990	Northrup King Co.
9000266	S61-89	09/06/1990	Northrup King Co.

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.

< > Identifies temporary designations.

APPLICATIONS RECEIVED
JULY 1, 1990 TO SEPTEMBER 30, 1990

APPL. NO.	VARIETY	GEN. APPL. (*) DATE	NAME OF APPLICANT
9000218	WHEAT, COMMON Centennial	07/03/1990	Idaho Agricultural Experiment Station
9000219	Salmon	(3) 07/03/1990	Plant Breeders 1
9000222	Coker 9877	07/09/1990	Northrup King Co.

 (*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the
 number of generations of certified seed permitted beyond breeder's seed.
 < > Identifies temporary designations.

APPLICATIONS AMENDED

JULY 1, 1990 TO SEPTEMBER 30, 1990

Information concerning the varieties below has been published previously in the Official Journal's list of "APPLICATIONS RECEIVED." During the examination process, the applicant requested this information amended as indicated below.

APPL. NO.	VARIETY	GEN. (*)	APPL. DATE	NAME OF APPLICANT
COTTON 8800197	KC311		07/13/88	Stoneville Pedigreed Seed Company, Inc.
8900252	Coker 130		06/19/89	Stoneville Pedigreed Seed Company, Inc.
8900290	Coker 320		08/17/89	Stoneville Pedigreed Seed Company, Inc.
				Name of owner of the above cotton varieties changed from Northrup King Co. to Stoneville Pedigreed Seed Company, Inc.
				(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.
				< > Identifies temporary designations.

APPLICATIONS AMENDED
JULY 1, 1990 TO SEPTEMBER 30, 1990

APPL. NO.	VARIETY	GEN. (*)	APPL. DATE	NAME OF APPLICANT
FESCUE, TALL 90000087	<PX-1> Name of variety changed from 'Mirage' to temporary designation <PX-1>.		02/12/90	International Seeds Inc.
SOYBEAN 9000005	CX329		10/05/89	DeKalb Plant Genetics
WHEAT, COMMON 9000012	Express Variety with temporary designation <DA984-034> named 'Express'.		(*) 10/16/89	Western Plant Breeders, Inc.

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.

< > Identifies temporary designations.

CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM
 JULY 1, 1990 TO SEPTEMBER 30, 1990

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
<hr/>				
ALFALFA 8900278	Crockett		07/31/1990	Northrup King Co. 'Crockett' is most similar to 'DuPuits' alfalfa; however, 'Crockett' differs from 'DuPuits' in its reaction to anthracnose, bacterial wilt, fusarium wilt, phytophthora root rot, and spotted aphid. 'Crockett' is resistant to these pests and diseases and 'DuPuits' is susceptible.
9000155	Alfagraze		07/31/1990	Georgia Agricultural Experiment Station 'Alfagraze' is most similar to 'Vernal', with a similar fall dormancy rating; however, 'Alfagraze' is resistant to anthracnose race 1, while 'Vernal' is susceptible. 'Alfagraze' is a grazing tolerant, semi-erect, broad-crowned type which shows high crown bud proliferation in the fall. Flower color is 100% purple, with traces of variegated and cream. It has resistance to fusarium wilt and bacterial wilt, and low resistance to phytophthora root rot. It is susceptible to spotted alfalfa aphid and blue aphid.

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates
 the number of generations of certified seed permitted beyond breeder's seed.

CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM
JULY 1, 1990 TO SEPTEMBER 30, 1990

CERT. NO.	VARIETY NO.	GEN. (*)	ISSUE DATE	NAME OF OWNER
BENTGRASS, COLONIAL 8900219	Grasslands Egmont	(1)	07/31/1990	Grasslands Division New Zealand Dept. of Scientific & Industrial Research

'Grasslands Egmont' is most similar to 'Astoria' and 'Exeter'; however, 'Grasslands Egmont' heads 10 days later than 'Astoria' and 11 days later than 'Exeter'. 'Grasslands Egmont' also has longer culms than 'Astoria' (76 cm vs 68 cm) and 'Exeter' (76 cm vs 64 cm).

CORN, FIELD	8800190	HB8229	08/31/1990	DeKalb Plant Genetics
				'HB8229' is most similar to 'A634Ht'; however, 'HB8229' differs from 'A634Ht' in days from emergence to 50% silking (75 days vs 63 days) and silk color (green-yellow vs pink).

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.

CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM
 JULY 1, 1990 TO SEPTEMBER 30, 1990

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
CORN, FIELD (Continued)				
8800191	6M502		07/31/1990	DeKalb Plant Genetics
	'6M502'	is most similar to 'Mo17Ht'; however, '6M502' has pink anthers and 15 tassel branches whereas 'Mo17Ht' has yellow anthers and 5-7 tassel branches.		
8800192	IBB14		07/31/1990	DeKalb Plant Genetics
	'IBB14'	is most similar to 'B37Ht'; however, 'IBB14' has purple silks and medium leaf sheath pubescence while 'B37Ht' has green silks and light leaf sheath pubescence.		
8800195	78551S		08/31/1990	DeKalb Plant Genetics
	'78551S'	is most similar to 'Mo17Ht'. '78551S' differs from 'Mo17Ht' in heat units to 50% silk (1473 h.u. vs 1591 h.u.) and ear height (78 cm vs 101 cm).		
8900156	WIL500		07/31/1990	Wilson Hybrids, Inc.
	'WIL500'	is most similar to 'AR266'; however, 'WIL500' differs from 'AR266' in number of lateral tassel branches (9 vs 12) and cob color (white vs red).		

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.

CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM
JULY 1, 1990 TO SEPTEMBER 30, 1990

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
CORN, FIELD (Continued)				
8900226	J8606	09/28/1990	Northrup King Co.	
	'J8606' is most similar to variety 'C103G'. 'J8606' differs from 'C103G' in glume color (red vs green) and cob color (red vs white). 'J8606' reaches 50% pollen shed 138 (1550 vs 1688) heat units earlier than 'C103G' and reaches 50% silking 160 (1579 vs 1739) heat units earlier than 'C103G'.			
8900227	W8555	09/28/1990	Northrup King Co.	
	'W8555' is most similar to variety 'B73', but 'W8555' is an average of 18 cm shorter in plant height and 16 cm shorter in ear height than 'B73'.			
8900263	4N506	09/28/1990	Funk Seeds International	
	'4N506' is most similar to 'B73'; however, '4N506' reaches mid-silking 76 heat units earlier than 'B73'. Also, '4N506' has green silks whereas 'B73' has salmon silks.			

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.

CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM
 JULY 1, 1990 TO SEPTEMBER 30, 1990

CERT. NO.	VARIETY	GEN. NO.	ISSUE DATE	NAME OF OWNER
CORN, FIELD (Continued)				
8900307	PHJ31	09/28/1990	Pioneer Hi-Bred International, Inc.	
	'PHJ31' is most similar to 'PHV78' but 'PHJ31' reaches 50% silking an average of 93 heat units later than 'PHV78'. Also, 'PHJ31' has pink silks and anthers whereas 'PHV78' has red silks and anthers.			
8900308	PHJ33	09/28/1990	Pioneer Hi-Bred International, Inc.	
	'PHJ33' is most similar to 'PHV78'; however, 'PHJ33' sheds pollen an average of 119 (1444 vs 1563) growing degree units earlier and silks an average of 91 (1535 vs 1626) growing degree units earlier than 'PHV78'. In addition, 'PHJ33' has green-yellow silks whereas 'PHV78' has red silks.			
9000016	2FACC	08/31/1990	Dekalb Plant Genetics	
	'2FACC' is most similar to 'B73Ht'; however, '2FACC' reaches 50% silk earlier than 'B73Ht' (1420 heat units vs 1629 heat units). '2FACC' has pink silks whereas 'B73Ht' has green-yellow silks.			

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.

CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM

JULY 1, 1990 TO SEPTEMBER 30, 1990

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
--------------	---------	-------------	---------------	---------------

COTTON 8900026 Kings Acala M5 (1) 09/28/1990 V. T. Walhood and Westlake Farms,

'Kings Acala M5' is most similar to 'Acala SJ-2'; however, 'Kings Acala M5' has light green leaves whereas 'Acala SJ-2' has dark green leaves.

8900078 Southland M1 09/28/1990 Southland Seed Company
 'Southland M1' is most similar to 'Deltapine SR-383'; however, in northern Texas,
 'Southland M1' has a taller mature plant height (145 cm vs 127 cm), a lower Stelometer T1
 (26.9 g/tex vs 27.5 g/tex) and a lower Micronaire (3.38 vs 3.64) than 'Deltapine SR-383'.

8900104 HS-46 09/28/1990 HyPerformer Seed Company,

'HS-46' is most similar to 'Deltapine 90'; however, 'HS-46' has a lower average Micronaire (4.45 vs 4.95) than 'Deltapine 90'.

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.

CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM
 JULY 1, 1990 TO SEPTEMBER 30, 1990

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
--------------	---------	-------------	---------------	---------------

COTTON (Continued)

8900105 Deltapine 51
 'Deltapine 51' is most similar to 'Deltapine 50'; however, 'Deltapine 51' has a higher lint percent (36.0 vs 33.7) and a lower seed index (9.25 vs 10.19) than 'Deltapine 50'.

8900169 Coyote

'Coyote' is most similar to 'Acala SJ-2'; however, 'Coyote' has a reddish brown colored lint, whereas 'Acala SJ-2' has white lint.

8900170 Green

'Green' is a novel cotton which is dissimilar to any known variety. Plants exhibit an indeterminate, columnar growth habit with plants exceeding seven feet in height. 'Green' has flowers that are cream and pink striped upon opening, turning magenta by the second day, whereas other varieties have cream or yellow flowers. 'Green' has dark green leaves with crimson red venation, whereas other varieties do not have crimson red venation. Bolls and stems are crimson red where exposed to sunlight. The lint is minty green with forest green linters, whereas the lint of other varieties is white. Fibers are extremely fine (Micronaire 2.5), relatively weak (17.7 g/tex) and less than 1" in length.

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.

CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM
 JULY 1, 1990 TO SEPTEMBER 30, 1990

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
--------------	---------	-------------	---------------	---------------

FESCUE, RED 8900063	Victor 'Victor' is most similar to 'Flyer'; however, 'Victor' has a longer (9.5 cm vs 7.6 cm) and wider (3.3 mm vs 2.9 mm) flag leaf than 'Flyer'.		09/28/1990	Mommersteeg International B.V.
8900241	Shademaster 'Shademaster' is most similar to 'Flyer' and 'Vista'; however, 'Shademaster' has a 50% heading date 5 days earlier than 'Flyer' and 3 days earlier than 'Vista', a mature plant height 6 cm (86 cm vs 80 cm) taller than 'Flyer' and 5 cm (86 cm vs 81 cm) taller than 'Vista', and a darker green leaf color (137B vs 138A, Royal Horticultural Society Colour Chart) than 'Vista'.		08/31/1990	Pure-Seed Testing, Inc.
FESCUE, TALL 8900167	Thoroughbred 'Thoroughbred' is most similar to 'Chieftain'; however, 'Thoroughbred' matures an average of 4 days earlier than 'Chieftain'.		09/28/1990	Pickseed West Inc.

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.

CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM
 JULY 1, 1990 TO SEPTEMBER 30, 1990

CERT. NO.	VARIETY	GEN.	ISSUE (*)	NAME OF OWNER DATE
HARDINGGRASS				
8900076	Au Oasis	07/31/1990		Alabama Agricultural Experiment Station
				'Au Oasis' is most similar to 'Perla' except 'Au Oasis' has shorter internodes (271 vs 294 mm) than 'Perla' resulting in shorter culms (103 vs 126 cm). 'Au Oasis' has longer (81 vs 65 mm) flag leaves and longer (79 vs 62 mm) panicles than 'Perla'.
PEA				
8800088	Quest	07/31/1990		Gallatin Valley Seed Co., a division of Rogers Brothers Seed Company
				'Quest' is most similar to 'Early Sweet 9', but differs in being resistant to Pea Leaf Roll Virus, whereas 'Early Sweet 9' is susceptible.

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.

CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM
 JULY 1, 1990 TO SEPTEMBER 30, 1990

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
-----------	---------	----------	------------	---------------

RYEGRASS, ANNUAL

8900007 RustMaster

'RustMaster' is most similar to 'Gulf'; however, 'RustMaster' is more resistant to winter damage (18 vs 30%; estimated as a percent of the area appearing dead) than 'Gulf'.

RYEGRASS, PERENNIAL

8800234 Blazer II

'Blazer II' is most similar to 'Blazer'; however, 'Blazer II' is an average of 9 cm shorter (71 cm vs 80 cm), is darker green, and less susceptible to stem rust than 'Blazer'.

8800238 Pinnacle

'Pinnacle' is most similar to 'Palmer'; however, 'Pinnacle' is shorter in mature plant height (74 cm vs 87 cm). Also, 'Pinnacle' is more resistant to stem rust whereas 'Palmer' is susceptible.

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.

CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM
 JULY 1, 1990 TO SEPTEMBER 30, 1990

CERT. NO.	VARIETY	GEN. NO.	ISSUE DATE	NAME OF OWNER
RYEGRASS, PERENNIAL (Continued)				
8900047	856		08/31/1990	International Seeds Inc.
	'856'	is most similar to 'Pennant'; however, '856' is resistant to stem rust whereas 'Pennant' is susceptible.		
8900062	Surprise	(3)	09/28/1990	Cebeco Zaden B.V.
	'Surprise'	is most similar to 'Arno', 'Entrar', 'Hermes', 'Loretta', and 'Manhattan'; however, 'Surprise' has a shorter upper internode length than 'Hermes' (23 cm vs 27 cm) and 'Manhattan' (23 cm vs 26 cm), an earlier spring development than 'Entrar', a longer flag leaf than 'Arno' (14 cm vs 12 cm), and a smaller number of spikelets per ear than 'Loretta' (17 vs 21).		
8900084	Barrage	(3)	09/28/1990	Barenbrug Holland B.V.
	'Barrage'	is most similar to 'Manhattan'; however, 'Barrage' matures 6-7 days earlier than 'Manhattan'. Also, 'Barrage' exhibits greater resistance to crown rust (8 vs 4; 1-9 scale; 1=least resistant) than 'Manhattan'.		

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.

CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM
 JULY 1, 1990 TO SEPTEMBER 30, 1990

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
--------------	---------	-------------	---------------	---------------

RYEGRASS, PERENNIAL (Continued)

8900289 Stallion

'Stallion' is most similar to '2DF' and '246'; however, 'Stallion' has an average spike length 4 cm longer than '2DF' (24 cm vs 20 cm) and 7 cm longer than '246' (24 cm vs 17 cm). 'Stallion' also has a longer (21 cm vs 12 cm) and wider (6.0 mm vs 4.8 mm) flag leaf than '2DF' and a longer (21 cm vs 12 cm) and wider (6.0 mm vs 4.8 mm) flag leaf than '246'.

8900330 Aquarius

'Aquarius' is most similar to 'Manhattan II'; however, 'Aquarius' has a shorter (12 cm vs 15 cm) and narrower (3.7 mm vs 5.0 mm) flag leaf than 'Manhattan II'. 'Aquarius' also has more tillers/100 sq cm (843 vs 507) than 'Manhattan II'.

09/28/1990 KWS-AG

09/28/1990 KWS-AG

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.

CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM
 JULY 1, 1990 TO SEPTEMBER 30, 1990

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
SOYBEAN 8800142	S36-36 'S36-36' is most similar to 'Harper'; however, 'S36-36' seeds have brown hilae whereas 'Harper' seeds have black hilae.		07/31/1990	Northrup King Co.
8800161	9402 '9402' most closely resembles 'Fayette'; however, '9402' plants are 15 cm shorter and mature 2 days earlier than 'Fayette'.		07/31/1990	Pioneer Hi-Bred International, Inc.
8900080	Deltapine 726 'Deltapine 726' is most similar to the variety 'Centennial'; however, 'Deltapine 726' has lanceolate leaflets, while 'Centennial' has ovate leaflets.		07/31/1990	Delta & Pine Land Company

25 (*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.

CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM
 JULY 1, 1990 TO SEPTEMBER 30, 1990

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
SOYBEAN (Continued)				
8900087	Deltapine 415		08/31/1990	Delta & Pine Land Company
	'Deltapine 415' is most similar to 'Deltapine 105'. 'Deltapine 415' matures approximately six days earlier than 'Deltapine 105', is approximately 10 cm shorter, and is resistant vs susceptible to race 3 of soybean cyst nematode, whereas 'Deltapine 105' is moderately susceptible.			
8900144	K87		07/31/1990	King Agro Inc.
	'K87' is a small-seeded cultivar most similar to 'NattoKing K86' except 'K87' is seven days later, 3 cm shorter, and 1.2 g/100 seeds lighter than 'NattoKing K86'.			
8900154	Hartz 6200		08/31/1990	Jacob Hartz Seed Company, Inc.
	'Hartz 6200' is most similar to 'Bedford'; however, 'Hartz 6200' is resistant to races one through four of phytophthora rot, while 'Bedford' is resistant to race three, and susceptible to races one, two, and four.			

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.

CERTIFICATES ISSUED, AND NOVELTY BASED ON APPLICANT'S CLAIM
JULY 1, 1990 TO SEPTEMBER 30, 1990

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
8500178	WHEAT, COMMON Cashup	(3)	09/28/1990	Columbia Basin Seeds

'Cashup' is most similar to 'Nugaines'; however, 'Cashup' has a higher 30 day emergence rate index (97% vs 81%) than 'Nugaines'.

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.

CERTIFICATES AMENDED

JULY 1, 1990 TO SEPTEMBER 30, 1990

The following certificates have been amended in accordance with sections 180.103, 180.122, and 180.130 of the Regulations and Rules of Practice under the Plant Variety Protection Act.

CERT. NO.	VARIETY NAME	GEN. (*)	ISSUE DATE	NAME OF OWNER
BARLEY 8000017	Triumph Name of owner changed from Hurst Gunson Cooper Taber Limited to Booker Seeds Limited.	(3)	07/25/84	Booker Seeds Limited
CORN, FIELD 8800190	HB8229		08/31/1990	DeKalb Plant Genetics
8800191	6M502		07/31/1990	DeKalb Plant Genetics
8800192	IBB14 Name of owner of the above corn varieties changed from DeKalb-Pfizer Genetics to DeKalb Plant Genetics.		07/31/1990	DeKalb Plant Genetics

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.

< > Identifies temporary designations.

CERTIFICATES AMENDED
JULY 1, 1990 TO SEPTEMBER 30, 1990

CERT. NO.	VARIETY NO.	GEN. (*)	ISSUE DATE	NAME OF OWNER
CORN, FIELD	(Continued)			
8800195	785515		08/31/1990	DeKalb Plant Genetics
9000016	2FACC		08/31/1990	DeKalb Plant Genetics
	Name of owner of the above corn varieties changed from DeKalb-Pfizer Genetics to DeKalb Plant Genetics.			
COTTON				
7100021	Coker 310	(3)	01/18/74	Stoneville Pedigreed Seed Company, Inc.
7100090	McNair 210	(3)	06/20/1974	Stoneville Pedigreed Seed Company, Inc.
	Name of owner of the above cotton varieties changed from Northrup King Co. to Stoneville Pedigreed Seed Company, Inc.			

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.

< > Identifies temporary designations.

CERTIFICATES AMENDED
JULY 1, 1990 TO SEPTEMBER 30, 1990

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
COTTON (Continued)				
7200095	McNair 511	(3)	05/21/1974	Stoneville Pedigreed Seed Company, Inc.
7400023	McNair 612	(3)	03/06/1975	Stoneville Pedigreed Seed Company, Inc.
7600077	McNair 220	(3)	07/19/1977	Stoneville Pedigreed Seed Company, Inc.
7700024	Coker 304	(3)	12/21/78	Stoneville Pedigreed Seed Company, Inc.
7900087	Coker 420	(3)	01/29/1980	Stoneville Pedigreed Seed Company, Inc.

Name of owner of the above cotton varieties changed from Northrup King Co. to Stoneville Pedigreed Seed Company, Inc.

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.

< > Identifies temporary designations.

CERTIFICATES AMENDED
JULY 1, 1990 TO SEPTEMBER 30, 1990

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
COTTON (Continued)				
8000087	Coker 315	(3)	12/18/80	Stoneville Pedigreed Seed Company, Inc.
8100019	Coker 3131	(3)	09/24/1981	Stoneville Pedigreed Seed Company, Inc.
8300082	Coker 208	(3)	09/29/1983	Stoneville Pedigreed Seed Company, Inc.
8700069	KC 380		06/30/1987	Stoneville Pedigreed Seed Company, Inc.
8700070	Coker 139	(3)	12/18/87	Stoneville Pedigreed Seed Company, Inc.
Name of owner of the above cotton varieties changed from Northrup King Co. to Stoneville Pedigreed Seed Company, Inc.				
(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.				
< > Identifies temporary designations.				

CERTIFICATES AMENDED
JULY 1, 1990 TO SEPTEMBER 30, 1990

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
COTTON (Continued)				
8900026	Kings Acala M5	(1)	09/28/1990	V. T. Walhood and Westlake Farms, Inc.
	Name of variety changed from 'Kings Acala M 5' to Kings Acala M5'.			
EVENING PRIMROSE				
8100103	Constable		07/15/82	Scotia Pharmaceuticals Ltd.
	Name of owner changed from Hurst Gunson Cooper Taber Limited to Booker Seeds Limited to Scotia Pharmaceuticals Ltd.			
HARDINGGRASS				
8900076	Au Oasis		07/31/1990	Alabama Agricultural Experiment Station
	Variety name corrected from 'Oasis' to 'Au Oasis'.			

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.

< > Identifies temporary designations.

CERTIFICATES AMENDED
JULY 1, 1990 TO SEPTEMBER 30, 1990

CERT. NO.	VARIETY NO.	GEN. (*)	ISSUE DATE	NAME OF OWNER
ONION	8200019 Omo M		10/28/82	Les Produits Organiques du Santerre-Orsan S.A. and Dalgety Produce, Inc.
				Name of owner changed from Les Produits Organiques du Santerre-Orsan S.A. & Oshita International, Inc. to Les Produits Organiques du Santerre-Orsan S.A. & Dalgety Produce, Inc.
PEA	8500099 Consort	(3)	11/29/85	Booker Seeds Limited
				Name of owner changed from Hurst Gunson Cooper Taber Limited to Booker Seeds Limited.
PEPPER	8400065 Jupiter		02/22/85	Northrup King Co.
				Description of variety amended to show susceptibility to bacterial spot.

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.

< > Identifies temporary designations.

34

CERTIFICATES AMENDED
JULY 1, 1990 TO SEPTEMBER 30, 1990

CERT. NO.	VARIETY	GEN. (*)	ISSUE DATE	NAME OF OWNER
8900047	RYEGRASS, PERENNIAL 856		08/31/1990	International Seeds Inc.

Name of variety changed from 'Prestige' to '856'.

(*) To be sold by variety name only as a class of certified seed. A number within parenthesis indicates the number of generations of certified seed permitted beyond breeder's seed.

< > Identifies temporary designations.

CERTIFICATES EXPIRED

JULY 1, 1990 TO SEPTEMBER 30, 1990

The term of protection has expired for the certificates listed below. The U.S. Plant Variety Protection Act no longer prohibits the unauthorized propagation of these varieties nor requires them to be sold by variety name only as a class of certified seed. However, varieties published in this list may possibly be protected under the Patent Act.

CERT. NO.	VARIETY	GEN. (*)	EXPIRATION DATE	NAME OF APPLICANT
SOYBEAN 7100016	SRF 100	(3)	07/05/1990	Soybean Research Foundation, Inc.
7100019	SRF 400	(3)	07/05/1990	Soybean Research Foundation, Inc.
7100022	Coker Hampton 266A	(3)	09/06/1990	Northrup King Co.
7200077	SRF 450	(3)	07/05/1990	Soybean Research Foundation, Inc.

CERTIFICATES EXPIRED
JULY 1, 1990 TO SEPTEMBER 30, 1990

CERT. NO.	VARIETY	GEN. (*)	EXPIRATION DATE	NAME OF APPLICANT
SOYBEAN 7200078	Seedmakers I-E	(3)	09/28/1990	Louis Bellatti
7200082	Cutler 71	(3)	08/01/1990	Purdue Univ. Agric. Expt. Sta.
7200083	Amsoy 71	(3)	08/01/1990	Purdue Univ. Agric. Expt. Sta.
7200086	SRF 150	(3)	07/05/1990	Soybean Research Foundation, Inc.
7200126	Bonus	(3)	08/01/1990	Purdue Univ. Agric. Expt. Sta.
7300010	Buccaneer	07/05/1990		Syler, Inc.

(*) The Plant Variety Protection Act no longer requires these varieties to be sold by variety name only as a class of certified seed.

GENERAL INFORMATION

New Plant Variety Examiner

Dr. Alan A. Atchley has joined the staff of the Plant Variety Protection Office, as a Plant Examiner, as of September 23, 1990. Dr. Atchley comes to the Office from the Agricultural Research Service of the U.S. Department of Agriculture, where he worked as an agronomist, and, later, as a botanist, for a total of 14 years. He will be in charge of peas, beans, tomatoes, and alfalfa, among other crops.

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
PLANT VARIETY PROTECTION OFFICE
NAL BUILDING, ROOM 500
10301 BALTIMORE BLVD.
BELTSVILLE, MARYLAND 20705-2351

THIRD-CLASS MAIL
POSTAGE & FEES PAID
AGRICULTURAL MARKETING
SERVICE
Permit No. G-297

OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE, \$300

01425 02001/20705ACOS I 1 0001
IP ADDSTA
SERIALS BRANCH RM 002
NATIONAL AGRIC LIBRARY
BELTSVILLE MD 20705-1200